

#### ABSTRACT OF THE DISCLOSURE

A radiometer includes a sighting system that generates a digital image of an object surface having an area that is to be imaged onto the IR detector. A shape outline is overlaid on the digital image of an object surface to indicate the extent of the energy zone that is imaged onto the IR detector. A rangefinder measures the distance between the radiometer and the object surface and the measured distance is utilized to determine the size of the overlaid shape.

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